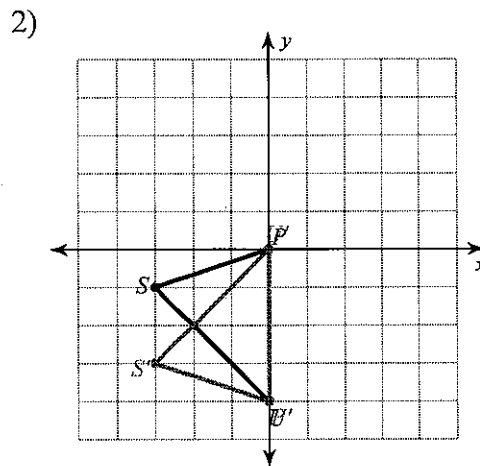
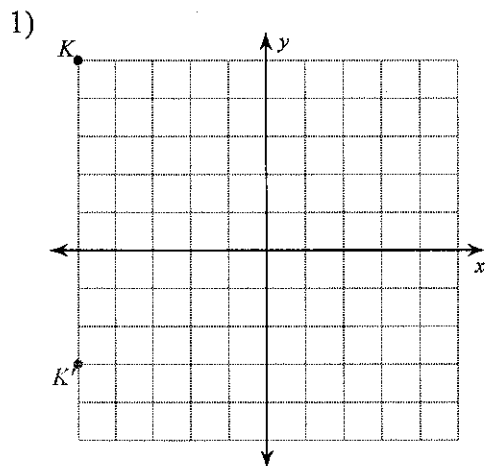


HW - Reflections

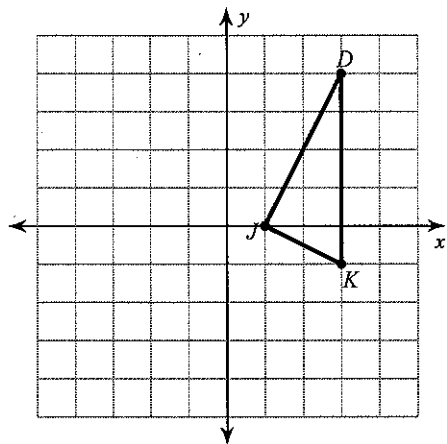
Date _____ Period _____

Write a rule to describe each transformation.

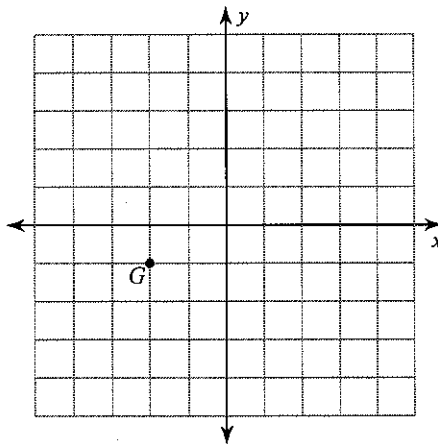


Graph the image of the figure using the transformation given.

3) reflection across $x = 1$

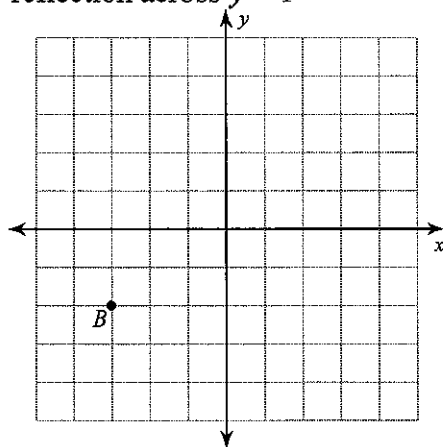


4) reflection across $x = -3$

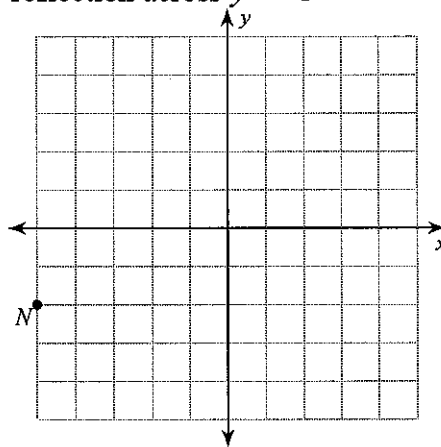


Find the coordinates of the vertices of each figure after the given transformation.

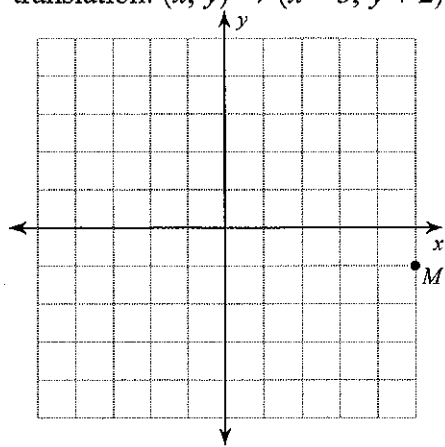
5) reflection across $y = 1$



6) reflection across $y = -1$



7) translation: $(x, y) \rightarrow (x - 3, y + 2)$



8) translation: $(x, y) \rightarrow (x + 1, y + 2)$

